

## AUTHOR INDEX

- Aizen, M.A. (Buenos Aires, Argentina)  
 Fit of logspecies-logarea regression lines to nonequilibrium archipelagos: a simulation approach . . . . . 265
- Brewer, J.W. (Davis, CA, U.S.A.)  
 Spreadsheets, PC's, and the finite-difference solutions for ecological distribution . . . 65
- Brüggemann, R., *see* Matthies, M. et al.
- Chaudhuri, K.S., *see* Saha Ray, S. and Chaudhuri, K.S.
- Cheng, Z.B. (Columbus, OH, U.S.A.)  
 Pansystems modelling in ecology . . . . . 275
- Costanza, R. (Solomons, MD, U.S.A.)  
 Model goodness of fit: a multiple resolution procedure . . . . . 199
- De Jong, D., *see* Halfon, E. and De Jong, D.
- Ewel, K.C. (Gainesville, FL, U.S.A.)  
 Learning to simulate ecological models on a microcomputer . . . . . 7
- Ferson, S. (Setauket, NY, U.S.A.), Ginzberg, L. (Stony Brook, NY, U.S.A.) and Silvers, A. (Palo Alto, CA, U.S.A.)  
 Extreme event risk analysis for age-structured populations . . . . . 175
- Fraser, A.S., *see* Lam, D.C.L. et al.
- Gatto, M. and Guariso, G. (Milano, Italy)  
 A report on some recent experiences in developing environmental software . . . . . 19
- Ginzberg, L., *see* Ferson, S. et al.
- Guariso, G., *see* Gatto, M. and Guariso, G.
- Halfon, E. (Burlington, Ont., Canada)  
 Microcomputers in Ecological Modelling: a special issue dedicated to research education and computer graphics (Editorial) . . . . . 3
- Halfon, E. and De Jong, D. (Burlington, Ont., Canada)  
 A computer program to display animations within the computer graphics HALO environment . . . . . 153
- Halfon, E., Hodson, J. and Miles, K. (Burlington, Ont., Canada)  
 An algorithm to plot Hasse diagrams on microcomputers and Calcomp plotters . . . 189
- Hodson, J., *see* Halfon, E. et al.
- Johnson, D.L., *see* Schaalje, G.B. et al.
- Kirchner, T.B. (Fort Collins, CO, U.S.A.)  
 TIME-ZERO: the integrated modelling environment . . . . . 33
- Kohlmaier, G.H. (Frankfurt, Federal Republic of Germany)  
 Book review of *Climate Shocks: Natural and Anthropogenic*, by K.Ya. Kondratyev . . 314
- Lam, D.C.L., *see* Wong, I. et al.
- Lam, D.C.L. (Burlington, Ont., Canada), Swayne, D.A., Storey, J. (Guelph, Ont., Canada) and Fraser, A.S. (Burlington, Ont., Canada)  
 Watershed acidification models using the knowledge-based system approach . . . . . 131
- Mackay, D., *see* Paterson, S. and Mackay, D.
- Matthies, M., Brüggemann, R., Münzer, B., Schernewski, G. and Trapp, S. (Neuherberg, Federal Republic of Germany)  
 Exposure and ecotoxicity estimation for environmental chemicals (E4CHEM): application of fate models for surface water and soil . . . . . 115

- Miles, K., *see* Halfon, E. et al.
- Münzer, B., *see* Matthies, M. et al.
- Murthy, C.R., *see* Wong, I. et al.
- Paling, W.A.J. (Johannesburg, South Africa)  
 Book review of *Risk Management and Hazardous Waste—Implementation and Dialectics of Credibility*, by B. Wynne . . . . . 313
- Paterson, S. and Mackay, D. (Toronto, Ont., Canada)  
 A model illustrating the environmental fate, exposure and human uptake of persistent organic chemicals . . . . . 85
- Racsko, P. (Budapest, Hungary) and Semenov, M. (Moscow, U.S.S.R.)  
 Analysis of mathematical principles in crop growth simulation models . . . . . 291
- Reeves, S.A. and Usher, M.B. (York, Great Britain)  
 Application of a diffusion model to the spread of an invasive species: the coypu in Great Britain . . . . . 217
- Saha Ray, S. and Chaudhuri, K.S. (Calcutta, India)  
 Lotka–Volterra prey–predator model with harvesting and environmental perturbations . . . . . 283
- Schaalje, G.B., Stinner, R.L. (Raleigh, NC, U.S.A.) and Johnson, D.L. (Lethbridge, Alta., Canada)  
 Modelling insect populations affected by pesticides with application to pesticide efficacy trials . . . . . 233
- Schernewski, G., *see* Matthies, M. et al.
- Seligman, N.G. (Bet Dagan, Israel) and Van Keulen, H. (Wageningen, The Netherlands)  
 Herbage production of a Mediterranean grassland in relation to soil depth, rainfall and nitrogen nutrition: a simulation study . . . . . 303
- Semenov, M., *see* Racsko, P. and Semenov, M.
- Silvers, A., *see* Ferson, S. et al.
- Silvert, W. (Dartmouth, N.S., Canada)  
 Modelling for managers . . . . . 53
- Stinner, R.L., *see* Schaalje, G.B. et al.
- Storey, J., *see* Lam, D.C.L. et al.
- Swayne, D.A., *see* Lam, D.C.L. et al.
- Swayne, D.A., *see* Wong, I. et al.
- Trapp, S., *see* Matthies, M. et al.
- Usher, M.B., *see* Reeves, S.A. and Usher, M.B.
- Van Keulen, H., *see* Seligman, N.G. and Van Keulen, H.
- Wong, I., Swayne, D.A. (Guelph, Ont., Canada), Murthy, C.R. and Lam, D.C.L. (Burlington, Ont., Canada)  
 Fast graphical simulations of spills and plumes for applications to the Great Lakes . . 161

